

Docket No. 3099(S)

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicants: Martin Stevens SMITH, ET AL

Serial No.: 07/702,463

Filed: May 2, 1991

For: SEA SURFACE ANTENNA

Art Unit: 2202

Examiner: Theodore M. Blum

RECEIVED

SEP 14 1992

LICENSING & REVIEW*8/A*
9-15-92
*Hs/mcs***A M E N D M E N T**Hon. Commissioner of Patents & Trademarks
Washington, D.C. 20231

Sir:

In response to the Official Letter mailed
March 13, 1992, please reconsider the application
amended as follows:

IN THE CLAIMS:

Please cancel claim 5 without prejudice or dis-
claimer.

Please amend claims 1 and 3 as follows:

1 1. (amended) A sea surface antenna comprising a
2 tube of metallic material, the tube having a substantially
3 longitudinal slot coupled at [or near] its midpoint to a
4 feed line, the slot being bridged by two pluralities of
5 [capacitances] varactor diodes to either side of the feed-
6 point, each plurality being distributed along a respective
7 part of the slot, the antenna being dimensioned so as to
8 operate in an evanescent mode at a resonant frequency less